

SEALED SOURCE SAFETY ANALYSIS

Date: 7/3/2012

SRS ID Number: 200677

Department/Division: PO

Building: 510

	Nuclide 1	Nuclide 2	Nuclide 3	Nuclide 4	Nuclide 5
Nuclide	Ge-68				
Original Activity (μCi)	150.00				
Present Activity (μCi)	0.48				

Manufacturer/Model: North American Scientific / Custom

Assay Date: 4/1/2006

Date of Certification: NA

Special Form Certificate: NA

Expiration Date: NA

Recommended Working Life (RWL): 4

RWL Basis (Certificate/Default): Half Life

Years in Service: 6

Requesting RWL extension: YES

Total number of extensions, including this request (if applicable): 1

ANSI/ISO Certificate Number: NA

Temperature	External Pressure	Impact	Vibration	Puncture	Bending

PASSED ANSI N542-1977, A2.1.1 Wipe (smear) test.

Photograph File Name(s): 200677120518

Results of visual inspection: Source encapsulation appears to be intact and in acceptable condition. This is an extended source and the radiation damage to the cover does not affect the source itself.

Source Application/Use: Detector response and energy or efficiency calibrations.

Restrictions/Limitations: This source may be used only under conditions typical of a working office or laboratory environment, e.g., room temperature and standard ambient atmospheric pressure; it should not be subjected to unusual mechanical or environmental stresses, such as impacts, vibration or abrasion; it should not be exposed to moisture, corrosive materials or corrosive liquids. The source may not be transported to other locations by the end user. Operations that deviate from these restrictions require the approval of the Department/Division head and the RCD Manager.

Approvals

Department Source Custodian: _____

Department/Division: _____

RCD Manager (if applicable): _____



Model: CUSTOM
Isotope: Ge-68
Activity: 150 uCi
Reference Date: 04/01/06
Serial Number: 77222 200677
Manufactured by: **north american**
SCIENTIFIC

